

PETRI NYKÄNEN
MOBILE WEB SERVICES
28449 (4208-4008)

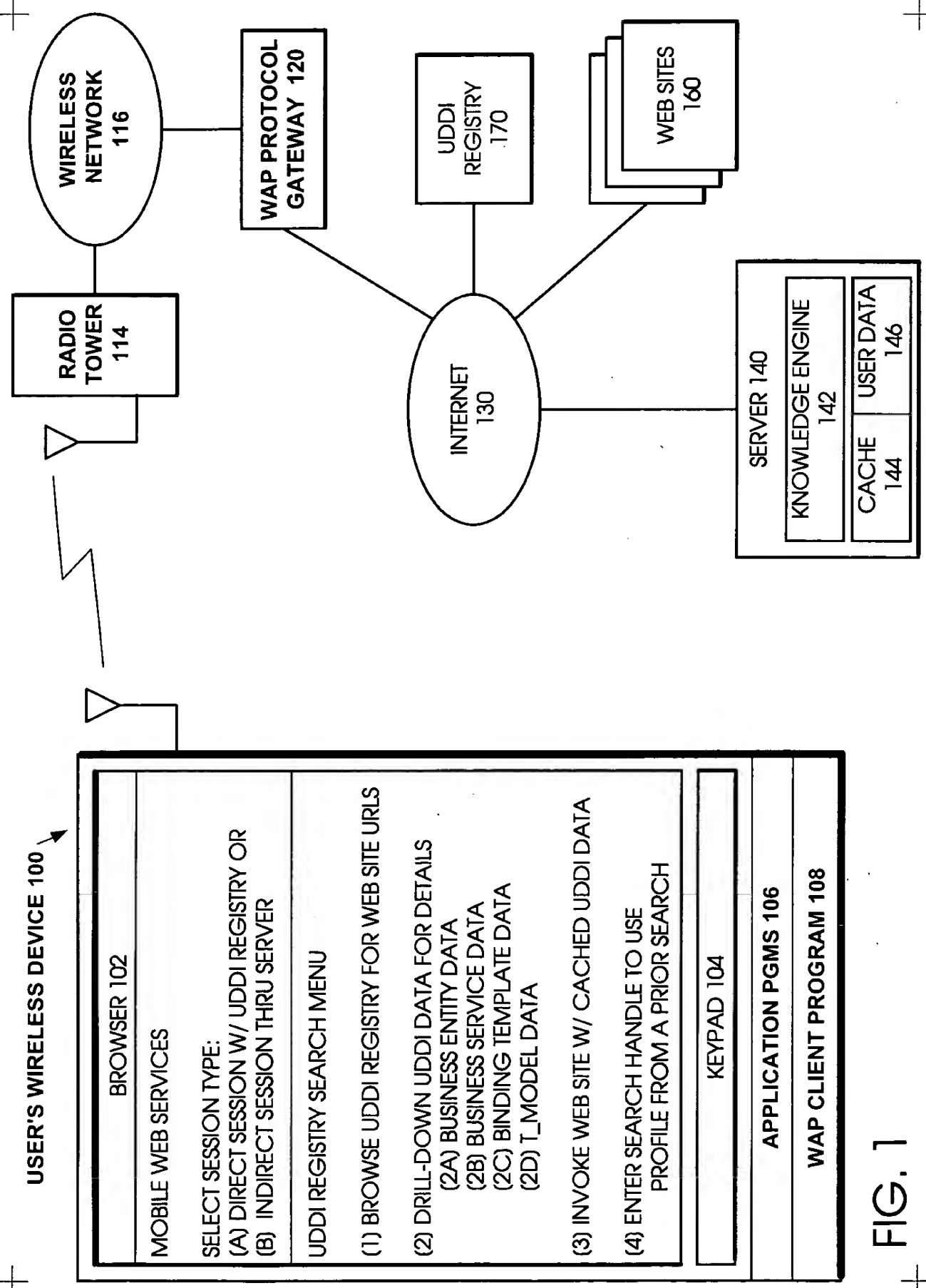


FIG. 1

WIRELESS DEVICE 100

<p>BROWSER 102</p> <p>MOBILE WEB SERVICES</p> <p>RESULTS FROM BROWSING UDDI REGISTRY</p> <p>UNDER SEARCH HANDLE " STOCKS_ "</p> <p>RETURNED businessList MESSAGE:</p> <p>(1) WALL STREET JOURNAL ONLINE</p> <p>(2) CNBC FINANCIAL NEWS</p> <p>(3) MOTLEY FOOL FINANCIAL NEWS</p> <p>(4) YAHOO FINANCIAL NEWS</p> <p>SELECT ITEM FROM RETURNED LIST</p> <p>OR</p> <p>CONTINUE BROWSING</p>	<p>KEYPAD 104</p>
<p>APPLICATION PGMS 106</p>	
<p>WAP CLIENT PROGRAM 108</p>	

FIG. 1B

WIRELESS DEVICE 100

<p>BROWSER 102</p> <p>MOBILE WEB SERVICES</p> <p>BROWSE UDDI REGISTRY FOR WEB SITE URLS</p> <p>ENTER SEARCH HANDLE " STOCKS_ "</p> <p>ENTER LETTERS OF FIRST TERM " WALL STREET_ "</p> <p>IS THIS A BUSINESS NAME? Y/N " Y_ "</p> <p>IS THIS A SERVICE NAME? Y/N " N_ "</p> <p>ENTER LETTERS OF SECOND TERM " FINANC*_ "</p> <p>IS THIS A BUSINESS NAME? Y/N " Y_ "</p> <p>IS THIS A SERVICE NAME? Y/N " N_ "</p> <p>SEND " find_business_ "</p> <p>XML INQUIRY WITH SOAP PROTOCOL</p>	<p>KEYPAD 104</p>
<p>APPLICATION PGMS 106</p>	
<p>WAP CLIENT PROGRAM 108</p>	

FIG. 1A

APPROVED	O.G. FIG.
BY	CLASS/SUBCLASS
DATE/TIME	

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WIRELESS DEVICE 100

BROWSER 102	
MOBILE WEB SERVICES	
RESULTS FROM BROWSING UDDI REGISTRY UNDER SEARCH HANDLE " STOCKS "	
RETURNED serviceList MESSAGE FOR WALL STREET JOURNAL ONLINE: (1) TECH STOCK NEWS (2) DRUG STOCK NEWS (3) ENERGY STOCK NEWS (4) COMMODITIES NEWS	
SELECT ITEM FROM RETURNED LIST OR CONTINUE BROWSING	
KEYPAD 104	
APPLICATION PGMS 106	
WAP CLIENT PROGRAM 108	

FIG. 1D

WIRELESS DEVICE 100

BROWSER 102	
MOBILE WEB SERVICES	
SELECT ITEM FROM RETURNED LIST	
DRILL-DOWN BUSINESS ENTITY DATA " WALL STREET JOURNAL ONLINE "	
SEND " find_service " XML INQUIRY WITH SOAP PROTOCOL	
KEYPAD 104	
APPLICATION PGMS 106	
WAP CLIENT PROGRAM 108	

FIG. 1C

WIRELESS DEVICE 100

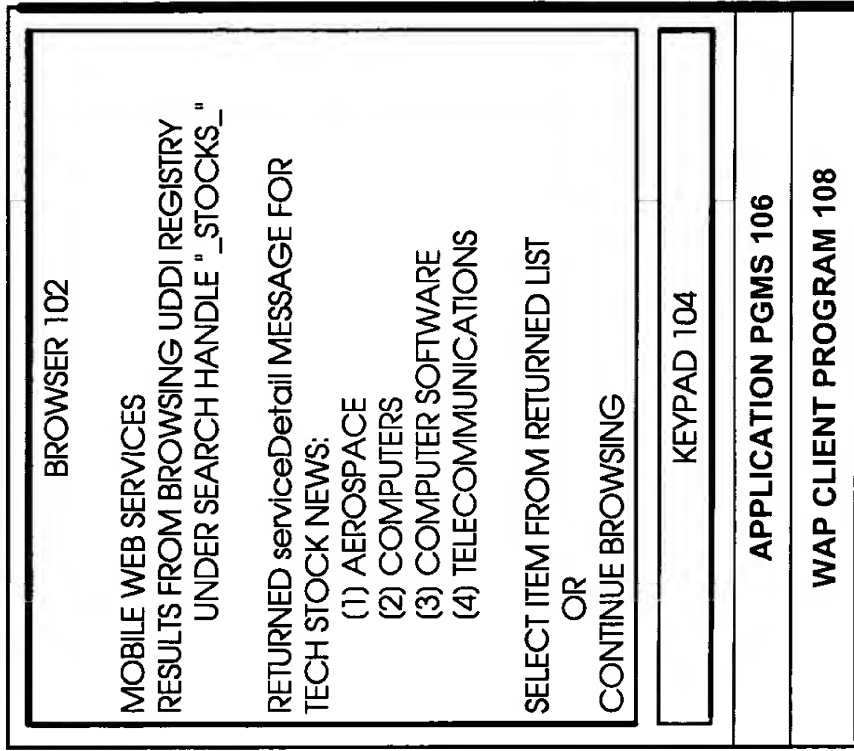


FIG. 1F

WIRELESS DEVICE 100

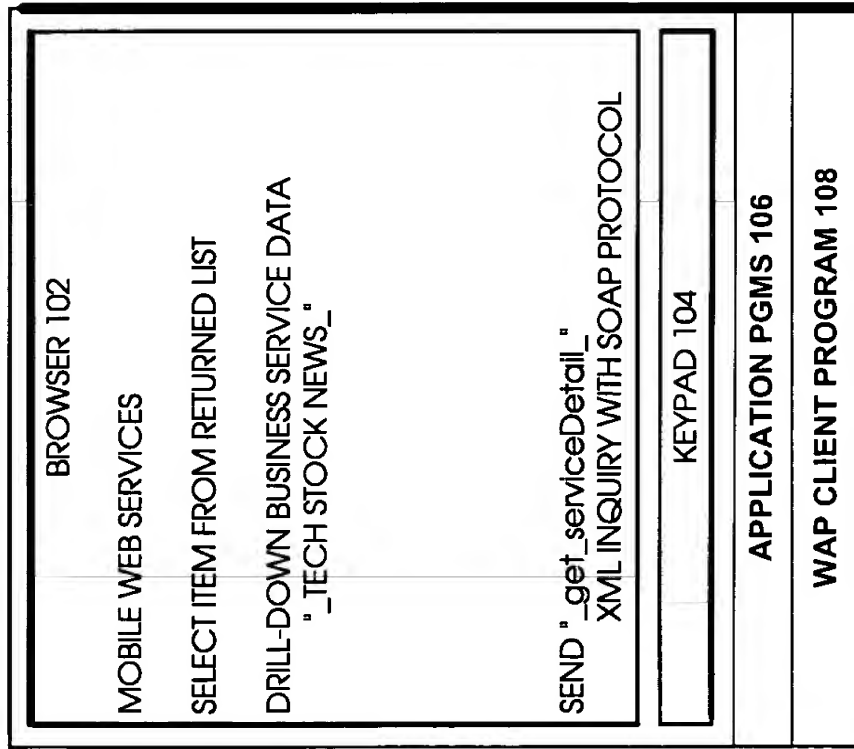


FIG. 1E

FIG. 1J

WIRELESS DEVICE 100



BROWSER 102	
MOBILE WEB SERVICES	
ENTER SEARCH HANDLE TO USE PROFILE FROM A PRIOR SEARCH	
ENTER SEARCH HANDLE "_STOCKS_"	
SELECT TYPE OF SEARCH:	
(1) GET WEB PAGES FROM WEB SITE	
(2) REPLAY UDDI REGISTRY SEARCH STRATEGY	
KEYPAD 104	
APPLICATION PGMS 106	
WAP CLIENT PROGRAM 108	

FIG. 1I

WIRELESS DEVICE 100



BROWSER 102	
MOBILE WEB SERVICES	
RESULTS FROM REPLAYING UDDI SEARCH USING SEARCH HANDLE "_STOCKS_"	
RETURNED accessPoint URLs	
FROM BINDING TEMPLATE DATA	
IN RETURNED serviceDetail MESSAGE	
FOR "_COMPUTERS_"	
URL = "_www.wsj.com/news/computers_"	
URL = "_www.wsj.com/quotes/computers_"	
URL = "_www.wsj.com/graphs/computers_"	
SELECT ITEM FROM RETURNED LIST OR CONTINUE BROWSING	
KEYPAD 104	
APPLICATION PGMS 106	
WAP CLIENT PROGRAM 108	

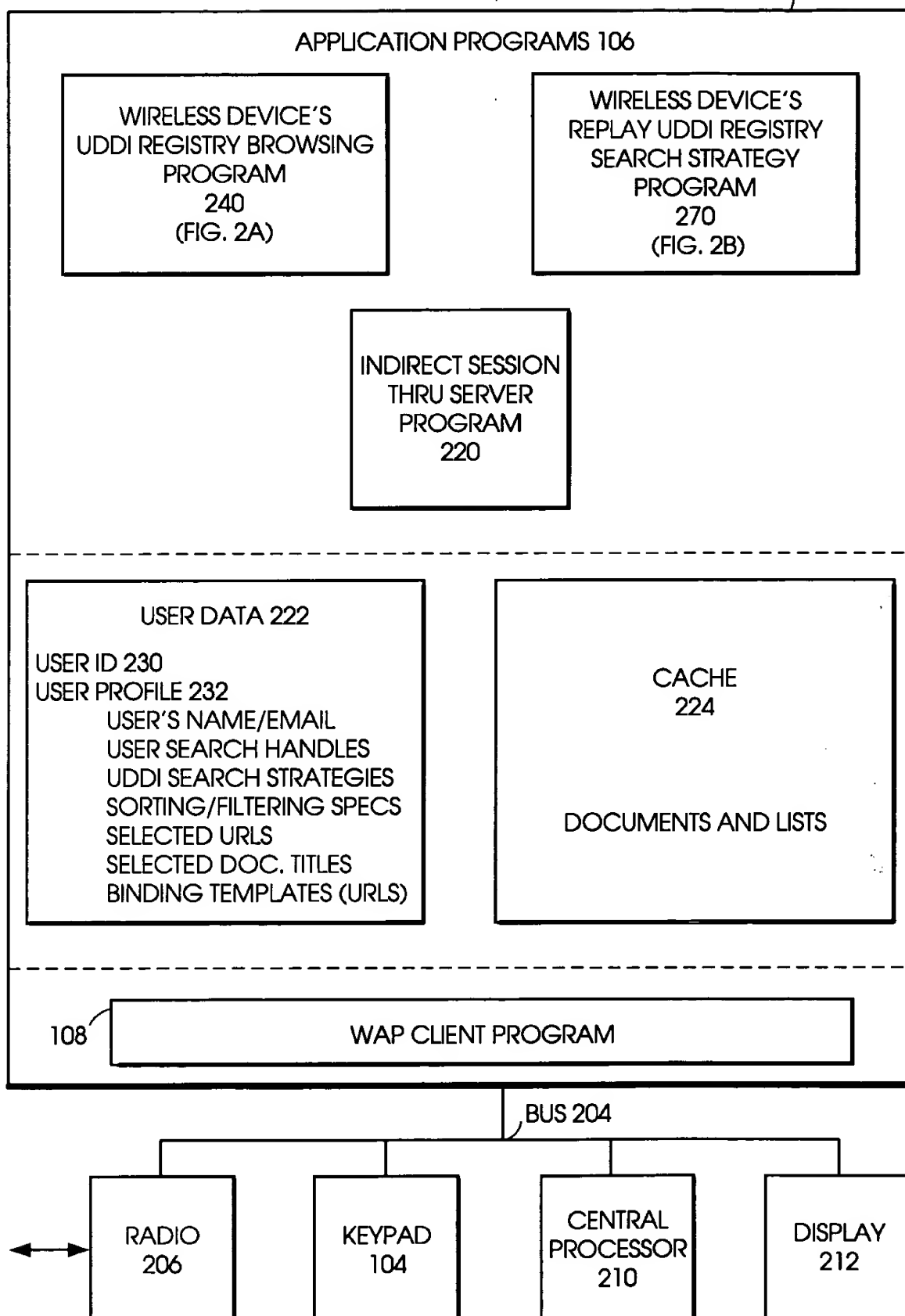
FIG. 1J

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FIG. 2

WIRELESS DEVICE 100

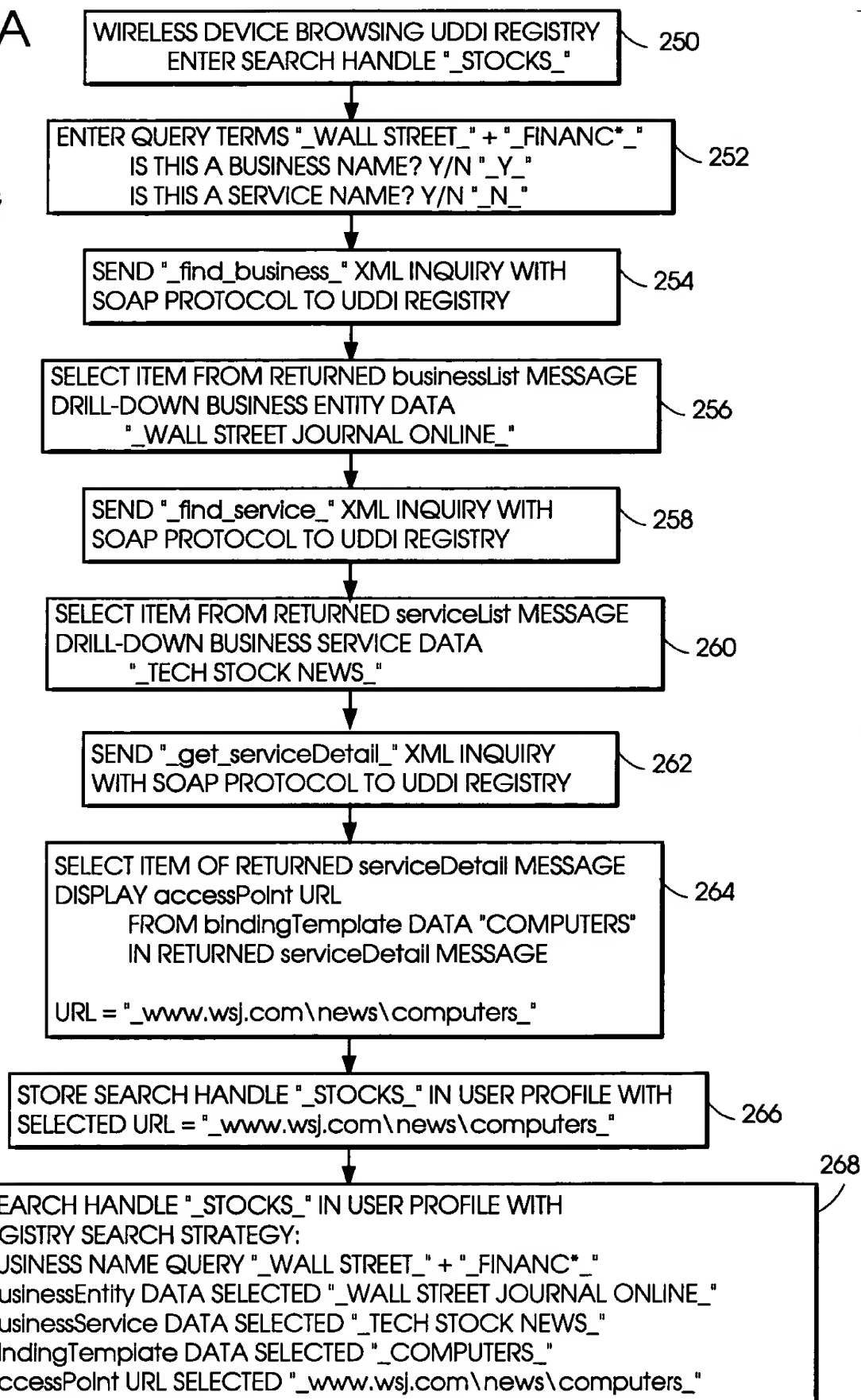
MEMORY 202



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FIG. 2A

WIRELESS
DEVICE'S
UDDI
REGISTRY
BROWSING
PROGRAM
240



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FIG. 2B

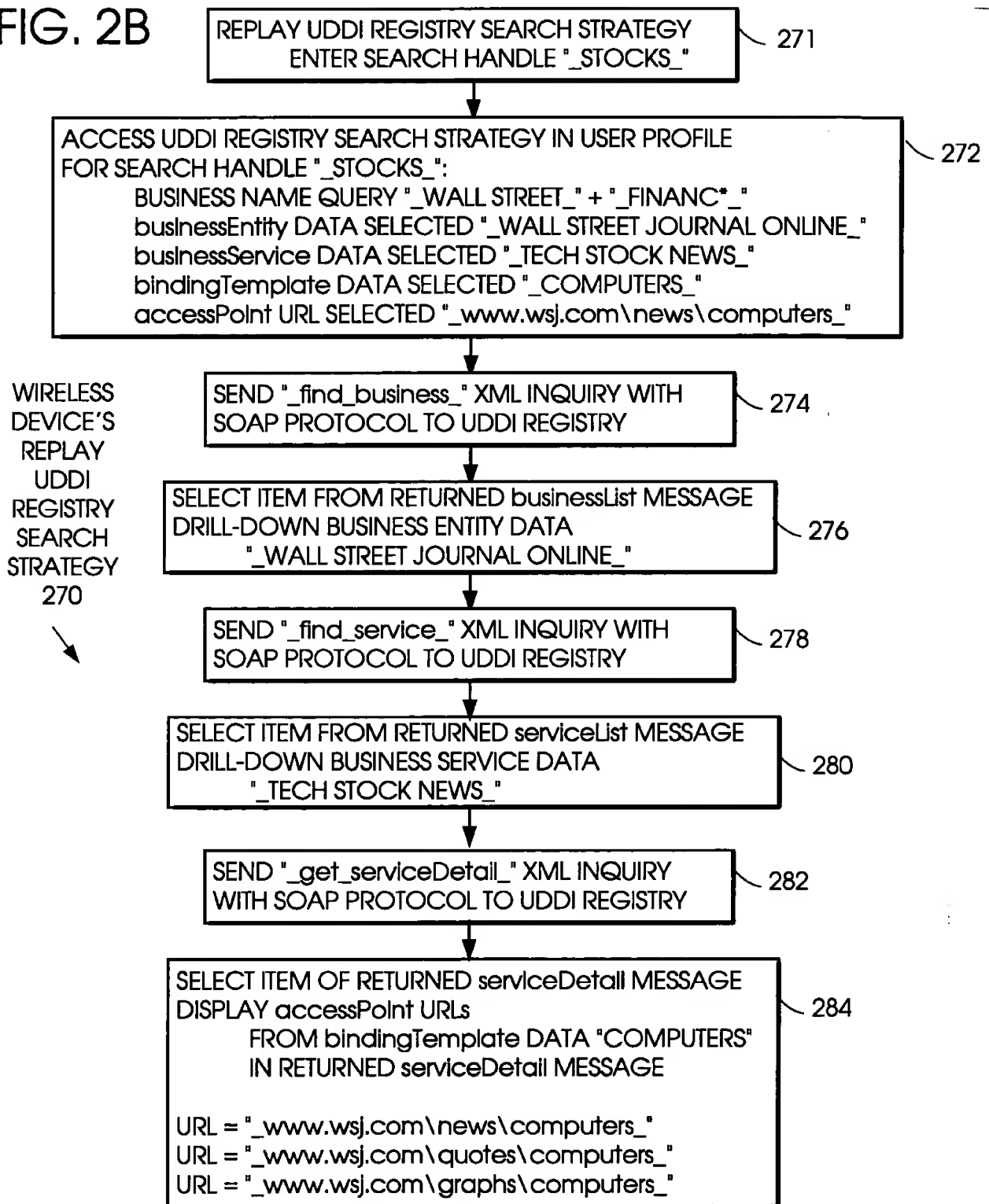


FIG. 3A

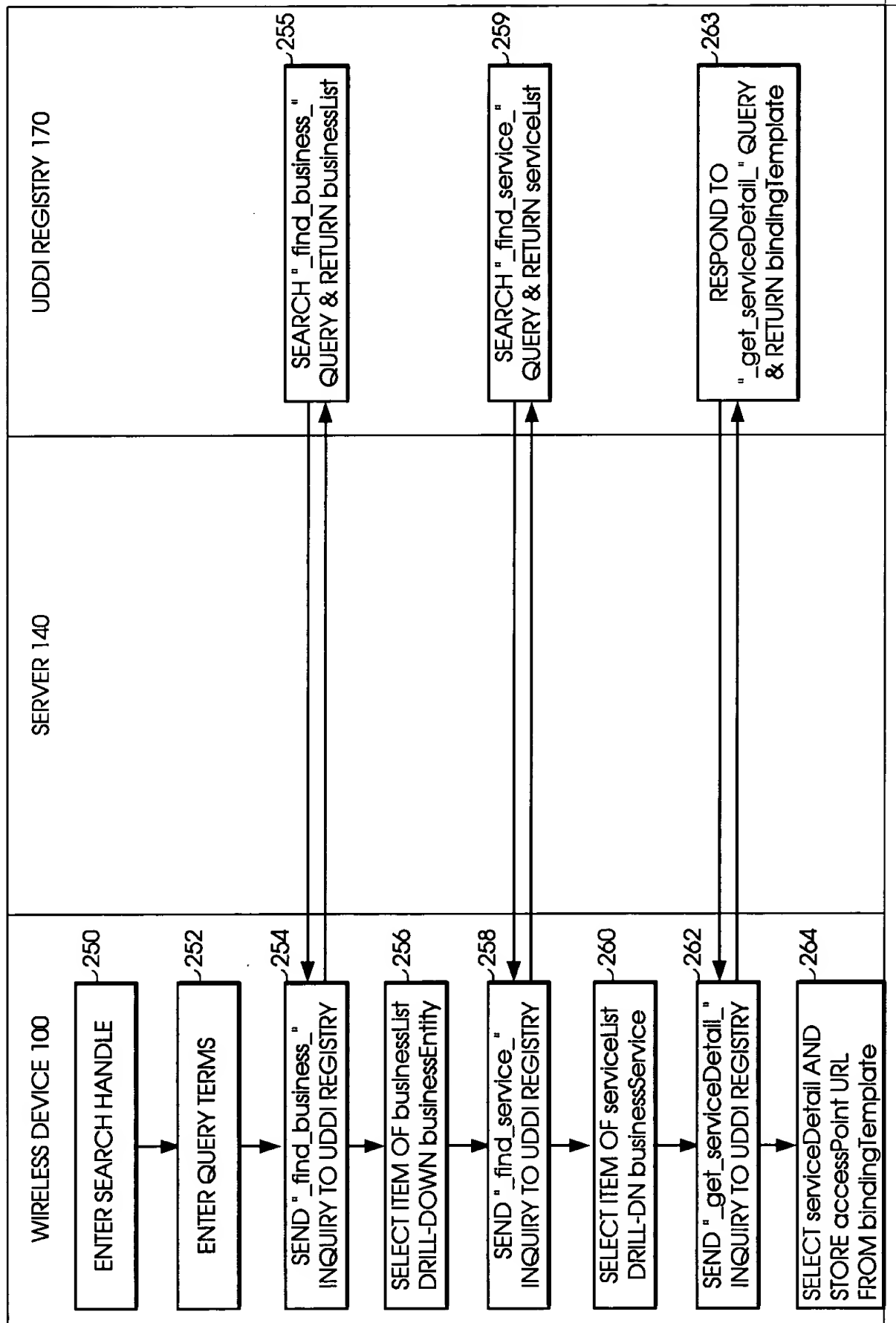
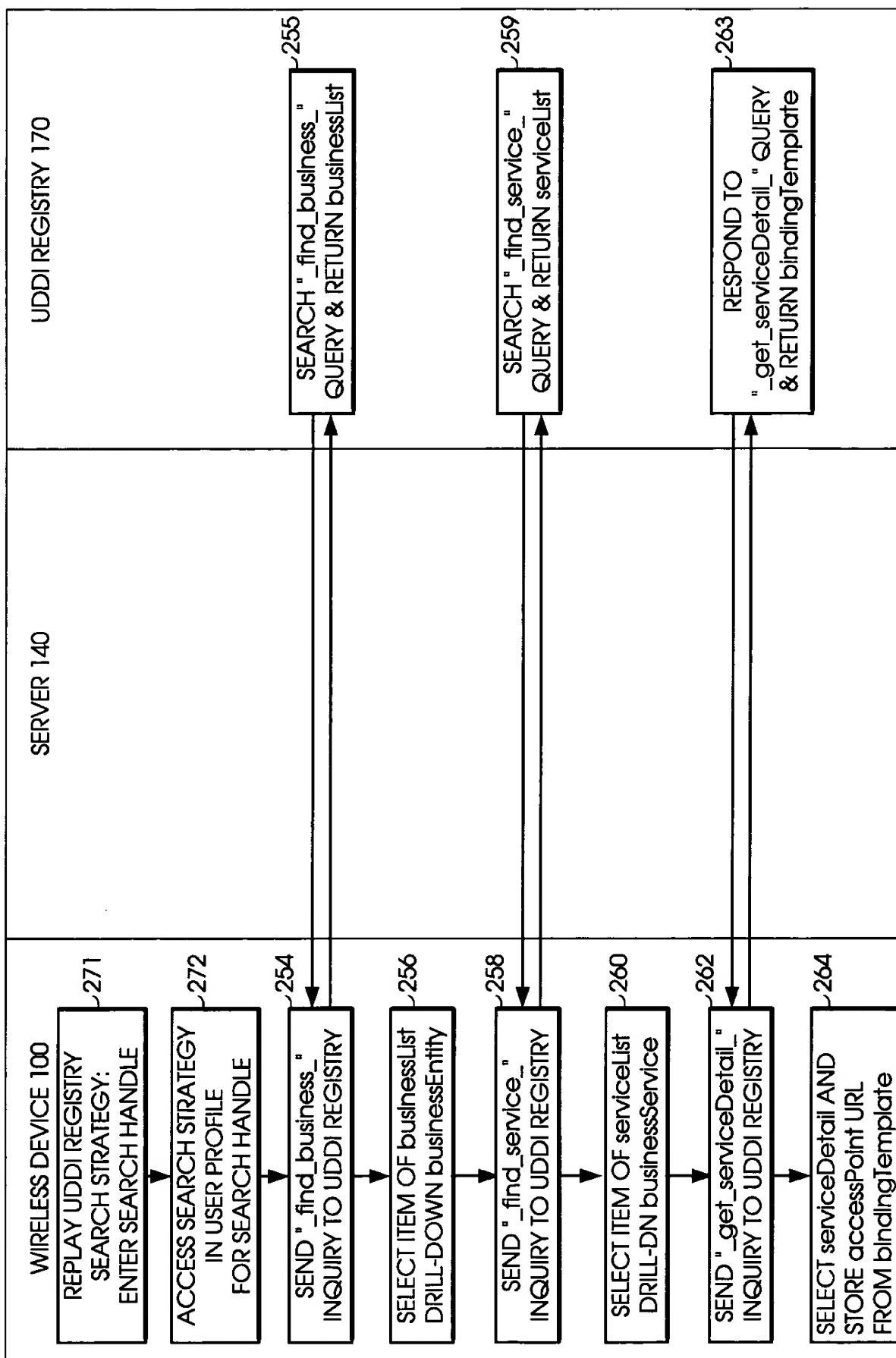


FIG. 3B



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FIG. 4

SERVER 140

MEMORY 402

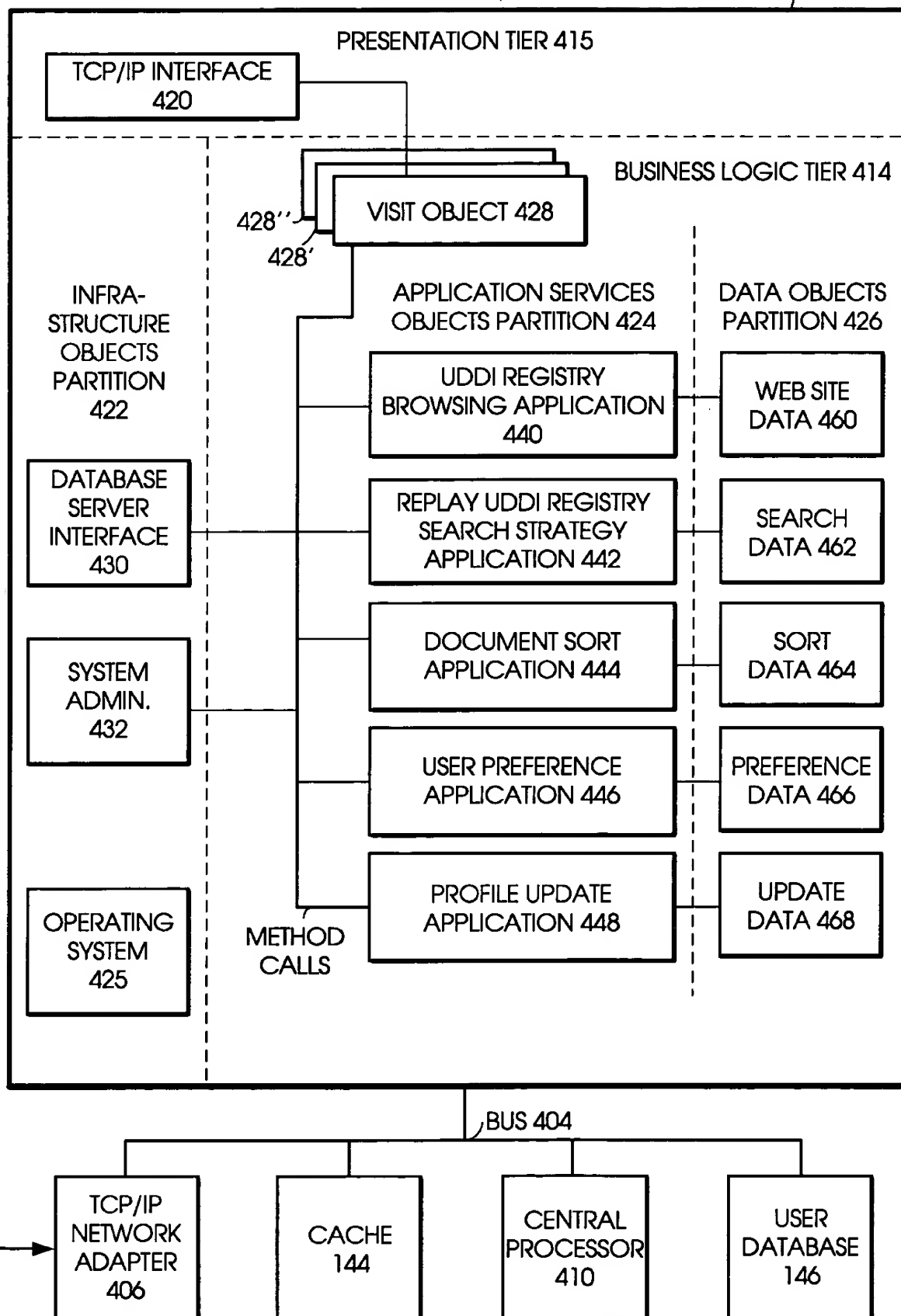


FIG. 4A

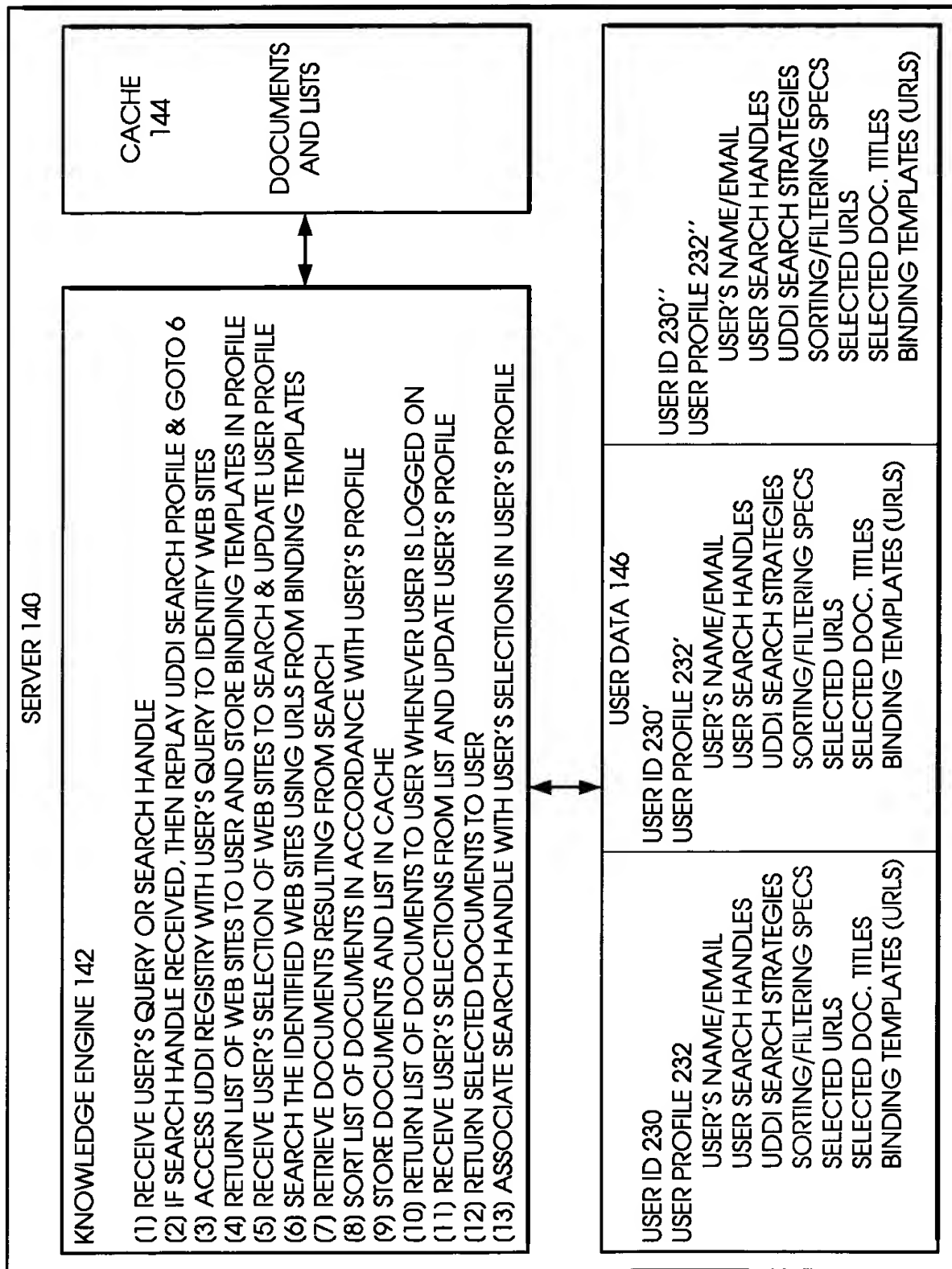


FIG. 4B

